

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045563.D
 Acq On : 03 Apr 2025 12:08
 Operator : JC/MD
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/04/2025
 Supervised By :Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:19:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	95034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84848	48.821	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	5.385	113	57839	48.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.940%		
50) Toluene-d8	8.647	98	202186	48.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.100%		
62) 4-Bromofluorobenzene	11.079	95	74358	49.015	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28474	20.035	ug/l	97
3) Chloromethane	1.307	50	27632	18.925	ug/l	98
4) Vinyl Chloride	1.374	62	25260	18.904	ug/l	99
5) Bromomethane	1.593	94	11759	18.560	ug/l	97
6) Chloroethane	1.672	64	14325	20.206	ug/l	97
7) Trichlorofluoromethane	1.880	101	38645	19.395	ug/l	100
8) Diethyl Ether	2.130	74	12406	18.545	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	22653	19.402	ug/l	97
10) Methyl Iodide	2.447	142	26828	18.421	ug/l	98
11) Tert butyl alcohol	2.971	59	23342	99.939	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21405	18.762	ug/l	100
13) Acrolein	2.233	56	32619	101.417	ug/l	99
14) Allyl chloride	2.660	41	40847	18.870	ug/l	99
15) Acrylonitrile	3.062	53	71197	96.568	ug/l	99
16) Acetone	2.380	43	67462	94.532	ug/l	96
17) Carbon Disulfide	2.501	76	50650	17.975	ug/l	97
18) Methyl Acetate	2.703	43	31989	19.469	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	72893	18.264	ug/l	97
20) Methylene Chloride	2.782	84	25254	18.902	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21633	18.560	ug/l	97
22) Diisopropyl ether	3.757	45	79714	18.694	ug/l #	82
23) Vinyl Acetate	3.721	43	346163	93.960	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45204	18.745	ug/l	98
25) 2-Butanone	4.556	43	101576	97.237	ug/l	98
26) 2,2-Dichloropropane	4.465	77	30795	19.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	25877	18.223	ug/l	97
28) Bromochloromethane	4.891	49	23399	20.079	ug/l	98
29) Tetrahydrofuran	5.001	42	64526	95.274	ug/l	99
30) Chloroform	5.086	83	47720	19.231	ug/l	99
31) Cyclohexane	5.458	56	40068	18.794	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	38732	18.447	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31010	19.248	ug/l	97
37) Ethyl Acetate	4.714	43	37537	18.488	ug/l	98
38) Carbon Tetrachloride	5.672	117	32889	18.889	ug/l	98
39) Methylcyclohexane	7.379	83	38109	19.297	ug/l	97
40) Benzene	6.031	78	92131	18.724	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20481	19.119	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39817	19.592	ug/l	99
43) Isopropyl Acetate	6.342	43	57673	18.742	ug/l	100
44) Trichloroethene	7.123	130	21580	18.452	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22690	18.482	ug/l	96
46) Dibromomethane	7.580	93	18338	19.458	ug/l	100
47) Bromodichloromethane	7.818	83	35669	18.952	ug/l	93
48) Methyl methacrylate	7.696	41	29793	18.752	ug/l	98
49) 1,4-Dioxane	7.659	88	11782	409.867	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	204092	100.048	ug/l	98
52) Toluene	8.714	92	56597	19.009	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29059	17.610	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33695	19.051	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22623	19.068	ug/l	97
56) Ethyl methacrylate	9.116	69	34400	18.735	ug/l	98
57) 1,3-Dichloropropane	9.305	76	39503	19.120	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	84945	91.451	ug/l	100
59) 2-Hexanone	9.427	43	151035	99.982	ug/l	99
60) Dibromochloromethane	9.518	129	24684	19.084	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23132	19.260	ug/l	97
64) Tetrachloroethene	9.269	164	19411	18.445	ug/l	97
65) Chlorobenzene	10.079	112	60989	19.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20434	18.479	ug/l	98
67) Ethyl Benzene	10.189	91	108957	19.101	ug/l	99
68) m/p-Xylenes	10.299	106	79412	38.276	ug/l	97
69) o-Xylene	10.640	106	38939	19.052	ug/l	98
70) Styrene	10.652	104	66139	19.607	ug/l	100
71) Bromoform	10.799	173	15475	18.743	ug/l #	100
73) Isopropylbenzene	10.957	105	103012	18.660	ug/l	99
74) N-amyl acetate	10.841	43	48409	18.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36109	18.620	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31309m	18.624	ug/l	
77) Bromobenzene	11.195	156	23469	18.399	ug/l	99
78) n-propylbenzene	11.299	91	119014	18.717	ug/l	99
79) 2-Chlorotoluene	11.360	91	75745	18.633	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87968	19.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8340	16.837	ug/l	92
82) 4-Chlorotoluene	11.451	91	84800	18.710	ug/l	99
83) tert-Butylbenzene	11.713	119	86089	19.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87951	19.196	ug/l	100
85) sec-Butylbenzene	11.890	105	107693	19.401	ug/l	98
86) p-Isopropyltoluene	12.006	119	87307	19.078	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41875	18.035	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	42877	18.215	ug/l	98
89) n-Butylbenzene	12.329	91	72973	18.388	ug/l	98
90) Hexachloroethane	12.536	117	15145	19.256	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42284	18.317	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7578	18.685	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	22581	17.574	ug/l	97
94) Hexachlorobutadiene	13.719	225	10095	18.232	ug/l	99
95) Naphthalene	13.774	128	82961	17.350	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23220	17.258	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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